



IFW
PATENT

Case Docket No. RFMAGIC.003A

Date: July 21, 2004

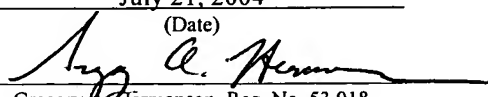
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Bargroff, et al.
Appl. No. : 10/734,604
Filed : December 11, 2003
For : NxM CROSSPOINT SWITCH
WITH BAND TRANSLATION
Examiner : Unassigned
Group Art Unit : 2816

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

July 21, 2004

(Date)


Gregory A. Hermanson, Reg. No. 53,018

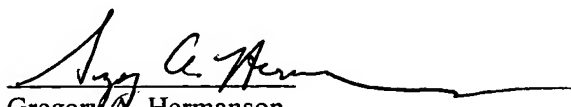
TRANSMITTAL LETTER

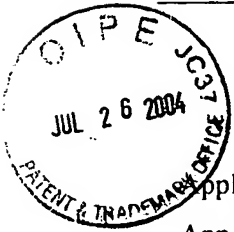
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 listing eight references, four references enclosed.
- (X) Courtesy copies of International Search Reports dated June 21, 2004 from PCT/US03/39678 and PCT/US03/39741.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.


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INFORMATION DISCLOSURE STATEMENT

Applicant : Bargroff, et al.
App. No. : 10/734,604
Filed : December 11, 2003
For : NxM CROSSPOINT SWITCH WITH BAND
TRANSLATION
Examiner : Unassigned
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing eight references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed before the mailing date of a final action under 37 C.F.R. § 1.113 and before the mailing date of a Notice of Allowance under § 1.311. A certification under 37 C.F.R. § 1.97(e) is set forth below. Thus, no fee is required as set forth in 37 C.F.R. § 1.97(c).

CERTIFICATION UNDER 37 C.F.R. § 1.97(e)(1)

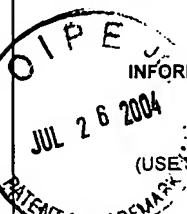
I hereby certify that each item of information contained in this Statement was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than 30 days prior to the filing of this Information Disclosure Statement.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: July 21, 2004

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. RFMAGIC.003A	APPLICATION NO. 10/734,604
 <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(USE SEVERAL SHEETS IF NECESSARY)</p>		APPLICANT Bargroff, et al.	
		FILING DATE December 11, 2003	GROUP 2816

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	4,931,802	06/05/90	Assal et al.			
	2	5,184,084	02/02/93	Yun			
	3	5,881,369	03/09/99	Dean et al.			
	4	6,295,282 B1	09/25/01	Buer et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	5	WO 97/49240	12/24/97	PCT				
	6	WO 99/43104	08/26/99	PCT				
	7	WO 00/22735	04/20/00	PCT				
	8	WO 02/082671 A1	10/17/02	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	9	Courtesy copy of International Search Report dated 06/21/2004, in 2 pages. PCT/US03/39678
	10	Courtesy copy of International Search Report dated 06/21/2004, in 2 pages. PCT/US03/39741

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EXAMINER	DATE CONSIDERED
<p>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	